Info-Hams Digest   Tue, 9 Aug 94   Volume 94 : Issue 889

Today's Topics:
                  [Q] 10-10 info needed in 4 area
            Any recent Group A call signs in ITU region 7?
                          Cost of a KHz?
                    Cost of KHz? (re-visited)
                      Ham Software Pirates
                      Icom 735 Production Run
                        Jeremiah O'Brien
                 MARS Radio System Mailing List
                 Mobile Radio in Dodge Caravan?
                   Wanted, Kenwood RZ-1 mods
                     WANTED:KDKFM-2030 Mic
                    Yaesu ft530 vco tune up

Date: 9 Aug 1994 14:36:40 GMT
From: newsgw.mentorg.com!srp!jbate@uunet.uu.net
Subject: [Q] 10-10 info needed in 4 area
To: info-hams@ucsd.edu

I participated in a part of the 10-10 contest last weekend and
found it to be exciting, not just in the contest but also ragchewing
with the others.

I was able to make 6 states and 2 countries on 10 meters (not very
good I admit but time was a limiting factor).

I would like to join the 10-10 club. I need to send my 10-10 log to the area 4 coordinator but don't know who it is. I would appreciate any other into that you might have to pass along as well.

73's

john (ki7hs/4)

Date: 6 Aug 1994 18:31:07 GMT
From: news.sprintlink.net!indirect.com!dmm@uunet.uu.net
Subject: Any recent Group A call signs in ITU region 7?
To: info-hams@ucsd.edu

Has anyone in in ITU region 7 ungraded to Amateur Extra class recently and gotten a Group A (one-by-two or two-by-one; four-character) call sign?

If so, please email me, dmm@indirect.com.
                              Thanks,
                                   Doug, KC7DNV

Date: 5 Aug 1994 18:48:26 GMT
From: ftpbox!mothost!delphinium.cig.mot.com!rtsg.mot.com!maenpaj@uunet.uu.net
Subject: Cost of a KHz?
To: info-hams@ucsd.edu

How much do you think a 1 KHz slice of spectrum would cost you? The re-
sults of the first FCC auction for RF spectrum were summarized in Comm-
unications Week Magazine.

Ten nationwide licenses were awarded to six paging companies. These mobile licenses were sold in the first auction of RF spectrum. The companies plan to offer a new generation of data messaging and digital paging services.

Company	Cost	License Information
===========================	===============	============================
Paging Network of Virginia	$117 Million	Three 50 KHz licenses
KDM Messaging Co.	$160 Million	2 paired 50 KHz licenses
Nationwide Wireless Network	$ 80 Million	1 paired 50 KHz license
	$ 47.5 M	Paired 50/12.5 KHz license

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Bell South Wireless          $ 47.5 M Paired 50/12.5 KHz license
AirTouch Paging              $ 47 Million  Paired 50/12.5 KHz license

Pagemart II, Inc.       $ 38 Million  50 KHz unpaired license
```

Source: Communications Week, August 1, 1994, page 3.

Hmmmm....le'see now, in the KDM case above that's 2 X 50 KHz pairs for a
total of 200 KHz of RF spectrum. $160 Million / 200 KHz = $800 per KHz.
I guess a 3 KHz wide SSB channel will cost me $2400!! Hmmmm...le'see
now, mebee I can buy 14.313 MHz + or -. Mebee I could get a discount on
14.313 with all of the undesirables driving down property values.

Now the CW vs. Fone crowd will have some hard numbers to argue about.
Not only does CW save spectrum but it costs less as well.

John Maenpaa WB9JEJ   WB9JEJ @ W9ZMR.IL.USA.NOAM
maenpaj@rtsg.mot.com   (Standard disclaimer: My comments only)

Date: 5 Aug 1994 19:27:22 GMT
From: ftpbox!mothost!delphinium.cig.mot.com!rtsg.mot.com!maenpaj@uunet.uu.net
Subject: Cost of KHz? (re-visited)
To: info-hams@ucsd.edu

My buddy in the next cube just pointed out that I was off by a factor of
1000 in my cost per KHz calculation:

> Hmmmm....le'see now, in the KDM case above that's 2 X 50 KHz pairs for a
> total of 200 KHz of RF spectrum. $160 Million / 200 KHz = $800 per KHz.
                                    ^^^^^^^^^^^^^
                        This should be $800 per Hz!!
                        A KHz costs $800,000

I guess a 3 KHz wide SSB channel will cost me $2,400,000!! I stand corrected
and am heading to the store for new calculator batteries.

John Maenpaa WB9JEJ   WB9JEJ @ W9ZMR.IL.USA.NOAM
maenpaj@rtsg.mot.com   (Standard disclaimer: My comments only)

Date: Mon, 8 Aug 94 13:57:00 -0500
From: iat.holonet.net!wwswinc!steve.silverwood@uunet.uu.net
Subject: Ham Software Pirates
To: info-hams@ucsd.edu

References: <edh.775848997@hpuerca>

Ed:

 > Maybe I'm wierd, but I even register shareware games my kids pick up and
 > use (if they try it and trash it, the shareware company failed to make a
 > "sell"). And if I'm trying out some piece of shareware and its "time"
 > expires before catching my continuing interest, I del the thing from my
 > hard disk: I haven't got space to waste with stuff I'm not using!

I don't think you're weird -- if you are, then so am I because I share the
same philosophy!

//Steve//


```
+------------------------------+----------------------------------------+
| Steve Silverwood [KB6OJS/2]  | CompuServe: 76703,3035                 |
| Computer Associates          |      GEnie: S.SILVERWOOD               |
| One Computer Associates Plaza |   Internet: 76703.3035@compuserve.com |
| Islandia, NY  11788-7000     |    Prodigy: XBHU98A                    |
| (516)CALL-CAI (225-5224)     |        FAX: (516)342-6861              |
+------------------------------+----------------------------------------+
```

 * RM 1.4 B0021 * Please wait... Sysop has exited to DOS...

Date: 9 Aug 1994 13:36:10 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!nic-
nac.CSU.net!newshub.sdsu.edu!ucssun1!palsson@network.ucsd.edu
Subject: Icom 735 Production Run
To: info-hams@ucsd.edu

I heard recently that the Icom 735 has been in continuous production
longer than any other currently manufactured rig. This raises a few
questions:

1. Is it true?
2. How many years?
3. Is this a record?

--
Jerry Palsson AA6KI
palsson@ucssun1.sdsu.edu

Date: Mon, 8 Aug 1994 15:51:45 GMT
From: netcomsv!netcom.com!netcom11!faunt@decwrl.dec.com
Subject: Jeremiah O'Brien
To: info-hams@ucsd.edu

The new information on the Jeremiah O'Brien is that it's in Portland,
Maine, where she was built. She should be there another week, and
then will proceed down the East Coast with stops at Baltimore,
Jacksonville and Miami.
If you visit her, try to get the radio ops to set up a schedule for CW
operations in the ham bands for general contacts.
73, doug

Date: Sun, 7 Aug 1994 21:31:26 -0600
From: ihnp4.ucsd.edu!ucsnews!newshub.sdsu.edu!nic-nac.CSU.net!usc!math.ohio-
state.edu!howland.reston.ans.net!spool.mu.edu!bloom-beacon.mit.edu!senator-
bedfellow.mit.edu!pschleck@network.ucsd.edu
Subject: MARS Radio System Mailing List
To: info-hams@ucsd.edu

Welcome!
     You have joined the MARS-list@stat.com   The purpose of this server is to
allow discussion about MARS (Military Affiliated Radio Service) activities.
The list is open to all branches of MARS.

To Send Mail To Be Distributed To All Subscribers:

                mars-list@stat.com

And Send Normal Subject And Text.

To Add Yourself To This List, Please Send Electronic Mail To:

                listserv@stat.com

And Include The Command:

                subscribe mars-list

As The First Line of Your Message.

To Remove Yourself From This Server, Please Send Electronic Mail To:

listserv@stat.com

And Include The Command:

                     Unsubscribe mars-list

As The First Line of Your Message.

Requests For Help Should Be Sent To:

                     mars-list-request@stat.com

Editor, HICNet Medical Newsletter
Internet: david@stat.com   FAX: +1 (602) 451-1165
Bitnet : ATW1H@ASUACAD

Date: Sat, 6 Aug 1994 18:26:48 GMT
From: ihnp4.ucsd.edu!nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!news.ans.net!sitka.wsipc.wednet.edu!egreen!egreen!
jmollan@network.ucsd.edu
Subject: Mobile Radio in Dodge Caravan?
To: info-hams@ucsd.edu

I have moounted my rig overhead between the front seats on my Chevy van.
It's easy to reach and doesn't take any leg room. I use a Larsen glass
mount on the side window behing the driver's seat. Power cord is just
run to the lighter.

73, John AE7P

Date: Fri, 5 Aug 1994 04:17:52 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!
math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!csus.edu!netcom.com!
mpage@network.ucsd.edu
Subject: Wanted, Kenwood RZ-1 mods

To: info-hams@ucsd.edu

Todd Wilburn (toddw@connected.com) wrote:
: Tom WB7ASR (tom_boza@ccm.hf.intel.com) wrote:

: : Does anyone have "any" mods for the Kenwood RZ-1 scanner?
: : If so, I would appreicate copies of them.

: try FTP oak.oakland.edu
: /pub/hamradio/mods/kenwood

: The RZ-1 might be there...It's a good source of mods

Tom, if you find any mods that are worthwhile, let me know, too. I have 2
RZ-1's and they are great. I would buy any used one I could find. 73 Tom KI6BL
--
```
     ====================================================================
        Thomas J. Kravitz, Box 1307, Culver City, CA 90232 310-838-1436
                                                 MEDIA PAGE
        Internet: mpage@netcom.com        Breaking Stories to the
        CIS: 71674,1610                     News Media since 1978
     ====================================================================
```

Date: 8 Aug 1994 22:44:26 GMT
From: eng.iac.honeywell.com!ws08.iac.honeywell.com!dphillips@uunet.uu.net
Subject: WANTED:KDKFM-2030 Mic
To: info-hams@ucsd.edu

WANTED:KDK FM-2030 Mic. Need not be in wonderful condition. I have one that the
PTT button is broken on. I would even take a whole radio for some $$ if you have
one that is broke or just needs a new home.

--

Dave Phillips | "Takeoffs are optional,

Phoenix, AZ, USA | Landings are mandatory,
dphillips@WS07.iac.honeywell.com | Pilot error is not an accident,
KB7JS | All airplanes have personalities."

Date: Fri, 5 Aug 1994 04:06:01 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
csusac!csus.edu!netcom.com!milcom@network.ucsd.edu

Subject: Yaesu ft530 vco tune up
To: info-hams@ucsd.edu

Jerry B Altzman (jbaltz@namaste.cc.columbia.edu) wrote:

: You mean, it doesn't cover the entire 438-450 MHz band as advertised? Or you
: want it to transmit out-of-band, illegally (CAP doesn't work on UHF yet,
: don't know about MARS)?

I have a friend with a commercial repeater on a splinter. It would be
nice to be able to carry one radio to access to both amatuer & commercial
repeaters. My 530 only transmits up to 462. It would be nice also to
use it as a GMRS radio. And dont give me any of this type acceptance
BS. I've checked the thing on HP spectrum analyzers. I sit next to a
8568B for eight hours a day. (barf)

--
POP: Persistant Online Procrastination   milcom@netcom.com

Date: Tue, 9 Aug 1994 12:31:07 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!gatech!wa4mei!ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <linleyCu7266.7t4@netcom.com>, <Anthony_Pelliccio-070894234007@tonto-
slip15.cis.brown.edu>, <1994Aug8.143841.1@vax.sonoma.edu>≥∑
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: 2m/11m crossband QSO: legal?

In article <1994Aug8.143841.1@vax.sonoma.edu> harrisok@vax.sonoma.edu writes:
>In article <Anthony_Pelliccio-070894234007@tonto-slip15.cis.brown.edu>,
Anthony_Pelliccio@brown.edu (Tony Pelliccio) writes:
>> My dad is in Florida and I've been trying to get him to go for his first
>> license for some time now, to no avail.
>
>Yeah... Why is it we just can't seem to get our fathers to get their license?
>I, too, have been trying for a few years now and all he can seem to do is point
>out how much the initial startup costs might be. Of course, he has an
>expensive CB and base antenna, lots of photography, prospecting, hunting,
>camping, diving equipment... Maybe he just doesn't have time. :-)

More likely he's afraid he'll embarrass himself on the test.
My uncle is the same way about lots of new things. He claimed he
didn't have a VCR because they're too expensive. When I bought him
one, he admitted that the real reason was he was afraid he couldn't
learn to program it. I left it with him, and six months later he's

taping, editing, and using that thing in ways *I* haven't figured
out how to do. :-)

The moral is, if you want them to take up amateur radio, you've got
to let them work themselves into it at their own pace and in their
own way. Buy them a radio and hook it up for them. Give them a copy
of "Now You're Talking", and *back off*. With no pressure, they'll
play with it and figure out that they *can* do it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Tue, 9 Aug 1994 02:26:38 GMT
From: news.acns.nwu.edu!news.eecs.nwu.edu!psuvax1!news.pop.psu.edu!
news.cac.psu.edu!newsserver.jvnc.net!howland.reston.ans.net!gatech!
newsxfer.itd.umich.edu!zip.eecs.umich.@@ihnp4.ucsd.edu
To: info-hams@ucsd.edu

References <CtyJxs.GzI@world.std.com>, <hY2zz-0.brunelli_pc@delphi.com>,
<31tiq4$3ep@wizard.uark.edu>net
Subject : Re: .52 beacon legal? (was: Amateur Radio Newsline #885 31 Jul 94)

Peter Laws (plaws@comp..uark.edu) wrote:
: brunelli_pc@delphi.com writes:

: >David R Tucker <drt@world.std.com> writes:
: >
: >>I was under the impression that automatically controlled beacons on 2
: >>meters were restricted to 144.275-144.300 (97.203d). How, then, can
: >>this be legal? And anyway, does continuous MCW on the National
: >>Simplex Frequency, even locally, qualify as good practice?
: >
: >
: >Here Here!
: >I found this very disturbing as well, and i thought that
: >it showed baltant disregard for the band plan. 146.52

: What was really sad, IMHO, was that no one on our local net caught it! (I
: would have commented, but my QTH is in a hill shadow from the repeater)

: Refresh my memory: Is it *illegal* or just poor operating practise
: (clearly, it's the latter).

No, it seems clear now that it's illegal as well.

-drt

|David R. Tucker   KG2S   8P9CL   drt@world.std.com|

Date: 8 Aug 1994 09:09:34 -0700
From: galaxy.ucr.edu!library.ucla.edu!agate!dog.ee.lbl.gov!overload.lbl.gov!
dancer.ca.sandia.gov!cronkite.nersc.gov!fastrac.llnl.gov!lll-winken.llnl.gov!
apple.com!apple.com!@@ihnp4.ucsd.edu
To: info-hams@ucsd.edu

References <CtvuG5.DIy@news.Hawaii.Edu>, <slayCtwuq3.4s9@netcom.com>,
<1994Aug4.204024.24674@walter.cray.com>le.com
Subject : Re: What to do with old OST's

wws@renaissance.cray.com (Walter Spector) writes:

>Our local library carries a few years of back issues of QST as well.
>I suspect they have a similar policy.

>Walt
>----
>Walt Spector   "Today is the dawn of a new age,
>(wws@renaissance.cray.com)   if only (click!)"
>Sunnyvale, California   The Biederbecke Affair

Walt, if it is the Sunnyvale library you are talking about, they
have semi-annual bound volumes back to the 40s, I think. And fiches
for the era before that. The last time I used that service was maybe
two years ago. Maybe they have changed since...

They won't let you take the bound periodicals home...

The Sunnyvale library is probably a little unusual. Take a look
at the zip code statistics in the U.S. callbook for the zips which
begin with 940.

73

Kok Chen, AA6TY   kchen@apple.com

Apple Computer, Inc.

Date: Tue, 9 Aug 1994 14:42:13 GMT
From: world!dts@uunet.uu.net
To: info-hams@ucsd.edu

References <31r3b6$okv@news.iastate.edu>, <bentti-040894154150@m32011.esl.com>,
<1994Aug5.112003.15599@ke4zv.atl.ga.us>.ch
Subject : Re: Technician No Code

In article <1994Aug5.112003.15599@ke4zv.atl.ga.us>,
Gary Coffman <gary@ke4zv.atl.ga.us> wrote:
>In article <bentti-040894154150@m32011.esl.com> bentti@pebbles.esl.com (Davin
Bentti) writes:
>>
>>[*snip*]
>>Warning: The following are the words of a newbie... :-)
>>
>>But can't I get my NCT passed and while my documents are on the way study
>>for
>>the Morse Code? I thought I read I can take the 5wpm test _any_ time after
>>I passed the NCT test. That way I thought I could get involved with ham
>>radio sooner, and expand as my skills grow. Just because I take the NCT
>>dosn't _limit_ me from moving up, right?
>
>That's correct. The only consideration is that the FCC doesn't want more
>than one license application per applicant in the pipeline at once. That
>won't be an issue in upgrading from Tech to Tech Plus since all you need
>is the CSCE from the VE. But if you upgrade to General, you should wait
>until you get your Tech license before sending in the General paperwork.
>The VEC will normally hold your application in this case.
>
>Gary

Actually, there is now an official Tech Plus license being generated by
the FCC, so that's no longer a special case.

Regardless, there is NO reason to delay taking any tests, and you should
NEVER need to check the "application already in the works" box on the form
610 unless you have directly sent a form to the FCC (change of address
or renewal, for example). The VEC will take care of holding the paperwork
for subsequent upgrades and will work with you (they need a copy of the
paperwork you get from the FCC -- your license with the upgrades to date shown)
to process the subsequent upgrade.

By all means go and take tests when you are ready, and sign /AG or /AA or

/AE as required and enjoy getting on the air. No reason to delay operating
just because some paperwork might take a few months to get completed...

Dan

--

Daniel Senie   Internet: dts@world.std.com
Daniel Senie Consulting   n1jeb@world.std.com
508-779-0439   Compuserve: 74176,1347

Date: Tue, 9 Aug 1994 12:20:57 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!wa4mei!
ke4zv!gary@network.ucsd.edu
To: info-hams@ucsd.edu

References <3253la$lnl@freenet3.scri.fsu.edu>, <3255ar$o38@freenet3.scri.fsu.edu>,
<325tks$3mp@crl3.crl.com>
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: Help! How to Improve my CW Speed?

In article <325tks$3mp@crl3.crl.com> hbs@crl.com (Henry B. Smith) writes:
>
>I would like to add one more tidbit of advice.
>
>Sometimes, when I am copying "in the head", it helps to visualize the words
>appearing in front of my eyes. (I have designated this as the
>"Gary Coffman Human Modem Technique" :-)

Thanks, I think. That method doesn't work for me. I understand that
some people's imaginations are strongly visual and that they can picture
a blackboard in their mind and see the letters appear on it. I can't
even visualize the blackboard. Other people claim they see the words
floating across their minds. I guess I'm not good at visualization
because that doesn't work either. For people who can "picture" things
in their heads, it may be a good technique to try.

For the rest of us, there is another way to get letter perfect high
speed copy. That's by using a keyboard for copy. Most people have
no trouble typing 60 WPM, many are much faster. I do about 120 WPM
on the keyboard. This get's around the pencil and paper plateau where
you simply can't get the letters down as fast as they are coming in.
Press wireless operators, and military intercept operators, are trained
to copy this way. In WWII, non-English speakers who didn't even know how
to read were trained in this method and copied thousands of messages
error free without understanding a single word.

The trick to this method is to simply condition the subconscious to
automatically activate the correct finger to hit the right key when
the ear hears the letter sound. No conscious input should be allowed
to interfere because it just slows the process down. You do this by
drill, just the same way you learned to touch type. I have an old
friend who was an intercept operator in WWII and a press wireless
operator before that. This is the way he was trained to copy, and
it's amazing to watch him do it. He can carry on a conversation with
you while he's copying and never miss a letter of the incoming message.
He actually has to roll the paper up to see what he copied. His conscious
mind is totally uncoupled from the process. He says he can copy 60 WPM
5 letter groups for hour after hour with this method.

Now *that's* what I call a real human modem.

I use a different method that works for me. I just scratch down the
dots and dashes, using a shorthand stroke format I developed, and
sight read the resulting text. I can read that shorthand as easily
as I read normal alphabetic text. This is the way Sammy Morse originally
did it, except he used a machine to make the marks while I do it by
hand to meet legal requirements for the tests. Of course it isn't
terribly fast. In normal operating, I let a machine do it too.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |